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From: Donald J. Silvert
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Our Reference: 0035.009/63435

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To: Examiner M. Woodward
Group 180
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Washington, D.C.FAX COPY
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DEC 27 1994

Facsimile: (703) 305-3014
Telephone:

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In re Appln. of: LUCIW et al.
Serial Number: 08/089,407 ✓
Filed: July 28, 1993
For: HIV IMMUNOASSAYS USING SYNTHETIC ENVELOPE POLYPEPTIDES (AS AMENDED)
Group Art Unit: 1813
Examiner: M. Woodward

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**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR UTILITY PATENT APPLICATION**

Attorney Docket No.

2300-0137

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR
AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT
MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTIONENTITLED: HUMAN IMMUNODEFICIENCY VIRUS (HIV) NUCLEOTIDE SEQUENCES,RECOMBINANT POLYPEPTIDES, AND APPLICATIONS THEREOF

the specification of which:

(check ☐ is attached hereto;one) ☒ was filed on

24 December 1987

as

Application Serial No. 138,894

and was amended on _____

(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICA-
TION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMI-
NATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULA-
TIONS, Sec. 1.56 (a) which states: "A duty of candor and good faith toward the Patent and Trademark Office
rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other
individual who is associated with the inventor, with the assignee or with anyone to whom there is an obligation
to assign the application. All such individuals have a duty to disclose to the Office information they are aware
of which is material to the examination of the application. Such information is material where there is a substantial
likelihood that a reasonable examiner would consider it important in deciding whether to allow the application
to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution
of the application.";I do not know and do not believe the said invention was ever known or used in the United States of America
before my or our invention thereof, or patented or described in any printed publication in any country before
my or our invention thereof or more than one year prior to said application; that said invention was not in public
use or on sale in the United States of America more than one year prior to said application; that said invention
has not been patented or made the subject of an inventor's certificate issued before the date of said application
in any country foreign to the United States of America on any application filed by me or my legal representatives
or assigns more than twelve months prior to said application;I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any
foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any
foreign application for patent or inventor's certificate on this invention having a filing date before that of the
application for patent or inventor's certificate on this invention having a filing date before that of the application
on which priority is claimed:

The priority of the earliest application(s) (if any) filed within a year prior to this application is hereby claimed under 35 U.S.C. §119;

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William H. Benz-Reg.No. 25,952	Ronald Craig Fish-Reg.No. 28,843
Thomas E. Ciotti-Reg.No. 21,013	Gladys H. Monroy-Reg.No. 32,430
Peter J. Dehlinger-Reg.No. 28,006	Kate H. Murashige-Reg.No. 29,959
Dianne E. Reed-Reg.No. 31,292	Robert P. Blackburn-Reg.No. 30,447
Grant D. Green-Reg. No. 31,259	Lisabeth Felix Murphy-Reg.No. 31,547

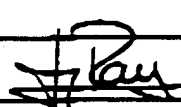
and:

Address all correspondence to:

Ciotti & Murashige, Irell & Manella
545 Middlefield Road, Suite 200
Menlo Park, California 94025

Address all telephone calls to: Robert P. Blackburn at 415-327-7250.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR		SIGNATURE	DATE
PAUL A. LUCIW			
RESIDENCE		CITIZENSHIP	
		U.S.A.	
POST OFFICE ADDRESS			
FULL NAME OF SECOND JOINT INVENTOR, IF ANY		SIGNATURE	DATE
DINO DINA			
RESIDENCE		CITIZENSHIP	
San Francisco, CA		Italy	
POST OFFICE ADDRESS			
1254 Washington Street, San Francisco, CA 94108			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY		SIGNATURE	DATE
KATHELYN STEIMER			
RESIDENCE		CITIZENSHIP	
Benicia, California		U.S.A.	
POST OFFICE ADDRESS			
649 West "I" Street, Benicia, CA 94510			
FULL NAME OF FOURTH INVENTOR		SIGNATURE	DATE
RAY SANCHEZ PESCADOR			March 2, 1988
RESIDENCE		CITIZENSHIP	
Oakland, California		Mexico	
POST OFFICE ADDRESS			
5040 Daisy Street, Oakland, CA 94619			

☒ Please see attached continuation page for additional inventors.

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUATION PAGE FOR ADDITIONAL INVENTORS		Attorney Docket No. 2300-0137	
(This page <u>must</u> be attached to a completed Combined Declaration And Power Of Attorney <u>before</u> signing).			
FULL NAME OF FOURTH INVENTOR		SIGNATURE	
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY / CARLOS GEORGE-NASCIMENTO		SIGNATURE <i>C. Nascimento</i>	
RESIDENCE Danville, CA		CITIZENSHIP Chile	
POST OFFICE ADDRESS 1907 S. Forest Hill, Danville, CA 94526			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY DEBORAH PARKES		SIGNATURE	
RESIDENCE		CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY ROB HALLEWELL		SIGNATURE	
RESIDENCE San Francisco, CA		CITIZENSHIP Great Britain	
POST OFFICE ADDRESS 27 Priest Street, San Francisco, CA 94109			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY PHILIP J. BARR		SIGNATURE	
RESIDENCE Oakland, California		CITIZENSHIP Great Britain	
POST OFFICE ADDRESS 67 Bayforrest Drive, Oakland, CA 94611			
FULL NAME OF NINTH JOINT INVENTOR, IF ANY MARTHA TRUETT		SIGNATURE <i>Martha Truett</i>	
RESIDENCE Oakland, CA		CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS 9082 Broadway Terrace, Oakland, CA 94611			

**COMBINED DECLARATION AND POWER OF ATTORNEY
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Attorney Docket No.

2300-0137

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ENTITLED: HUMAN IMMUNODEFICIENCY VIRUS (HIV) NUCLEOTIDE SEQUENCES,

RECOMBINANT POLYPEPTIDES, AND APPLICATIONS THEREOF

the specification of which:

(check one) ☐ is attached hereto;
☒ was filed on 24 December 1987 as

Application Serial No. 138,894

and was amended on _____
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE:

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMINATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (a) which states: "A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.";

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

The priority of the earliest application(s) (if any) filed within a year prior to this application is hereby claimed under 35 U.S.C. §119;

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

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Peter J. Dehlinger-Reg.No. 28,006	Kate H. Murashige-Reg.No. 29,959
Dianne E. Reed-Reg.No. 31,292	Robert P. Blackburn-Reg.No. 30,447
Grant D. Green-Reg. No. 31,259	Lisabeth Feix Murphy-Reg.No. 31,547

and:

Address all correspondence to:

Ciotti & Murashige, Irell & Manella
545 Middlefield Road, Suite 200
Menlo Park, California 94025

Address all telephone calls to: Robert P. Blackburn at 415-327-7250.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR		SIGNATURE	DATE
PAUL A. LUCIW		<i>Paul A. Luciw</i>	2/23/88
RESIDENCE		CITIZENSHIP	
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1254 Washington Street, San Francisco, CA 94108			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY		SIGNATURE	DATE
KATHELYN STEIMER			
RESIDENCE		CITIZENSHIP	
El Cerrito, CA		U.S.A.	
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118 Ramona, El Cerrito, CA 94530			
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RAY SANCHEZ PESCADOR			
RESIDENCE		CITIZENSHIP	
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7729 Crest Avenue, Oakland, CA 94605			

☒ Please see attached continuation page for additional inventors.

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RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY CARLOS GEORGE-NASCIMENTO	SIGNATURE	DATE
RESIDENCE Danville, CA		CITIZENSHIP Chile
POST OFFICE ADDRESS 1907 S. Forest Hill, Danville, CA 94526		
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY DEBORAH PARKES	SIGNATURE <i>Deborah Parkes</i>	DATE 2/26/88
RESIDENCE Oakland, CA		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 302 Euclid Avenue #104, Oakland, CA 94610		
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY ROB HALLEWELL	SIGNATURE	DATE
RESIDENCE San Francisco, CA		CITIZENSHIP Great Britain
POST OFFICE ADDRESS 27 Priest Street, San Francisco, CA 94109		
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY PHILIP J. BARR	SIGNATURE	DATE
RESIDENCE Orinda, CA		CITIZENSHIP Great Britain
POST OFFICE ADDRESS 73 Brookwood, #14, Orinda, CA 94563		
FULL NAME OF NINTH JOINT INVENTOR, IF ANY MARTHA TRUETT	SIGNATURE	DATE
RESIDENCE Oakland, CA		CITIZENSHIP U.S.A.
POST OFFICE ADDRESS 9082 Broadway Terrace, Oakland, CA 94611		

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Kate H. Murashige-Reg.No. 29,959
Robert P. Blackburn-Reg.No. 30,447
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FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	DATE
PAUL A. LUCIW		
RESIDENCE	CITIZENSHIP	
	U.S.A.	
POST OFFICE ADDRESS		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE	DATE
DINO DINA	<i>Dino Dina</i>	3/3/88
RESIDENCE	CITIZENSHIP	
San Francisco, CA	Italy	
POST OFFICE ADDRESS		
1254 Washington Street, San Francisco, CA 94108		
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE	DATE
KATHELYN STEIMER	<i>Kathelyn Lee Steimer</i>	3/15/88
RESIDENCE	CITIZENSHIP	
Benicia, California	U.S.A.	
POST OFFICE ADDRESS		
649 West "I" Street, Benicia, CA 94510		
FULL NAME OF FOURTH INVENTOR	SIGNATURE	DATE
RAY SANCHEZ PESCADOR		
RESIDENCE	CITIZENSHIP	
Oakland, California	Mexico	
POST OFFICE ADDRESS		
5040 Daisy Street, Oakland, CA 94619		

☒ Please see attached continuation page for additional inventors.

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RESIDENCE Danville, CA		CITIZENSHIP Chile	
POST OFFICE ADDRESS 1907 S. Forest Hill, Danville, CA 94526			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY DEBORAH PARKES		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY ROB HALLEWELL		SIGNATURE <i>Robert A Halliwell</i>	DATE 3-10-88
RESIDENCE San Francisco, CA		CITIZENSHIP Great Britain	
POST OFFICE ADDRESS 27 Priest Street, San Francisco, CA 94109			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY PHILIP J. BARR		SIGNATURE <i>Philip J. Barr</i>	DATE 3.10.98
RESIDENCE Oakland, California		CITIZENSHIP Great Britain	
POST OFFICE ADDRESS 67 Bayforrest Drive, Oakland, CA 94611			
FULL NAME OF NINTH JOINT INVENTOR, IF ANY MARTHA TRUETT		SIGNATURE	DATE
RESIDENCE Oakland, CA		CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS 9082 Broadway Terrace, Oakland, CA 94611			